AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0080] as set forth below:

[0080] In step 1700, a row of a printed pattern of an array of ink is scanned by a sensor device mounted on a carriage which also carries a plurality of ink check nozzles which were used to print the array of ink spots. A sensor signal is generated as an electrical signal having an amplitude value proportional to an intensity of detected light. The sensor signal is digitised and input into a digital controller device as described with reference to FIG. 9 herein in step 170, as an ongoing continuing process carried out in real time as the sensor passes over a row of ink color spots. Since the velocity of the carriage relative to the print media is approximately constant, the sensor signal comprises a set of peaks of amplitude recurring at approximately regular time intervals. In step 1702, the sensor signal is stored in digital memory device 902. In step 1703, peak values of the sensor signal are identified in 2 dimensional space, and are stored as peak data values in 2 dimensional Cartesian co-ordinates. In step 1704 the maximum value of each peak is determined according to the position in 2 dimensional space (X, Y position) of the maxima of each peak. In step 1705 the maximum peak values are compared with a threshold value which is pre-set. Any maximum values of peaks which do not exceed the threshold value are ignored. Remaining maximum peak values which exceed the threshold value are retained and are used as a basis for evaluating an angle of skew, relative to the threshold value. The threshold value is set to be a constant value. In step 1706, a pre-determined number of the maximum peak values is selected. The pre-determined number of peak values selected are the highest maximum peak values from the set of peak values which exceeded the pre-determined threshold level. In step [[1607]] 1707 a linear regression algorithm is applied to the selected peak values, in order to determine a best fit of a straight line to selected set of maximum peak values. The straight line fit can be expressed in 2 dimensional space by the formula $y=mx+b$, where x is a horizontal axis, y is a vertical axis, m is the gradient of the line relative to the horizontal axis, and b is the intercept on the vertical axis.